

Chemistry 112 and 111 Midterm  
Format

VALUE: EQUIVALENT TO TWO TESTS- A great chance to pull up the test part of your mark by retesting the same topics.

PART ONE: Multiple Choice 25 questions worth 2 each= 50 marks

PART TWO: Problems/Calculation/Matching/Fill in the blank = 50 marks

1→ Metric Conversion

2→ write the name and/or write the formula

3→ electron configuration and the diagonal rule

4→ Scientists

5→ mole  $\leftrightarrow$  mass      particles  $\leftrightarrow$  mol      particle  $\leftrightarrow$  mass

6→ write the word equation given the formula equation or AND balancing (not too difficult ones)  
write the formula equation given the word equation

7→ sealed flask calculations

Chem 111 includes the following topics as well as the ones above

8→ half life problems

9→ using isotope abundance to calculate average atomic mass

10→ percent composition

List of Sections Covered:

Unit 1 Test Ch 1.1, Ch 2(All), Ch 3.3, Ch 4  
all, Ch 5.1, 5.2, 6.1, 6.2

Unit 2 Test Ch 9

AND Ch 10.1, 10.2(no mol to volume), 11.1